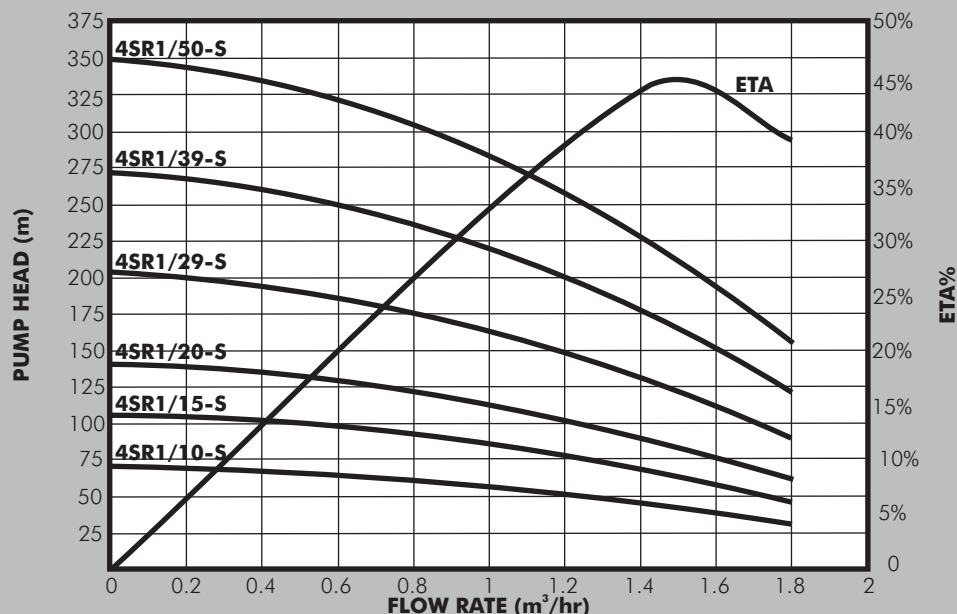




PEDROLLO



4SR1-S Submersible Borehole Pumps



PUMP

Pedrollo 4SR1-S submersible pumps are specifically designed for water supply from boreholes, though can also be used in other applications in either vertical or horizontal configurations. They feature an upgraded specification with a revised floating impeller hydraulic design and advanced high wear resistance materials for the impellers and diffusers. This provides exceptional sand handling capability (up to 200g/m³) and improved operating efficiency.

Pump impellers are made from high-strength Delrin technopolymer, diffusers from Noryl and the stage casings, top housing, suction interconnector, pump sleeve and shaft from AISI304 stainless steel.

MOTOR

Pumps are coupled to Pedrollo two pole sealed oil filled motor constructed principally from AISI 316 stainless steel. A Drytek controller is available for both single phase and three phase pump control which incorporates incoming mains isolator, digital display of motor operating status and protection against over and under voltage, motor overload and phase sequence loss. The controller can be connected directly to the mains power supply.

Enclosure Class : IP68

Insulation Class: F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non aggressive liquids with a maximum sand content of 200gm/m³.

Max. Liquid Temperature: +35°C.

Min. Borehole Diameter: 110mm

Max. Immersion Depth: 200m

PUMP DATA

Model	Motor		Current (A)		DN (")	Dimensions (mm)		Weight (kg)
	kW	HP	1x240V	3x415V		H1	H2	
4SR1/10-S	0.37	0.5	3.4		1 1/4	362	311	12
4SR1/15-S	0.55	0.75	4.5			488	331	14
4SR1/20-S	0.75	1	5.6			588	356	16
4SR1/29-S	1.1	1.5	7.7	3.4		767	371	19
4SR1/39-S	1.5	2	10.4	4.8		992	396	23
4SR1/50-S	2.2	3	14.9	6.1		1284	437	30

